BM200

Bandwidth Management

The **BM200** is the newest Bandwidth Management system from AboCom Systems, Inc. specifically designed for business networks. It guarantees Internet quality and assists network managers to attain maximum bandwidth. Additionally, QoS is added to further guarantee bandwidth and quality speed.

The Accounting Report function of the **BM200** helps to quickly discover network traffic jam problems. This is a needed tool for properly managing an enterprise's networking system.

Added to that is the Policy Management function of **BM200** which helps network managers to strategically allocate bandwidth. This function allows companies to effectively and efficiently reach and manage bandwidth goals, thus saving network resources and the Internet down time.

FEATURES

- QoS (Quality of Service) guarantees best bandwidth and quality of the Internet connection.
- Supports NAT Mode and Transparent Mode
- Supports two-ways (Incoming & Outgoing) bandwidth control and asymmetrical management policy
- Supports NAT Modeand Transparent Mode
- Professional Network Log and Accounting Report
- Policy Management by User/Group/Server/Port
- Time-Schedule Management
- Supports MRTG Traffic Statistics, easy to trace and analyze
- Provides Multi-Servers Load Balancing
- Supports Content Filte
- Supports Virtual Server and IP mapping (Multi-DMZ Host)
- Embedded Linux OS and Watch Dog enhances high performance, reliability and compatibility.
- 4x LAN Port; 1x WAN Port
- Supports Multi-language UI, easy to manage
- Firmware upgradeable Via Web UI

Benefits:

Guaranteed bandwidth

QoS (Quality of Service) function of the BM200 guarantees best bandwidth and quality of the Internet connection.

Simple Setup

The BM200 supports NAT Mode and Transparent Mode, therefore allowing for the original network structure and setup to remain in place without making changes to the system or adding an extra database. Its plug and play trait makes it convenient and smart in all networking environments.

Professional Network Log and Accounting Report

With AboCom Systems's Accounting Report and MRTG Statistics, the BM200 can dynamically detect network resources to assist in the configuring policy of bandwidth management. This advantage helps the network manager quickly discover problems that cause network traffic jams; thus managing the bandwidth effectively and efficiently.

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Prevents Hackers

The BM200 provides strategic firewall protection; more than ten anti-hacker modes are inner-built to intercept hackers. Users can setup a Rule Base themselves. With 24 hours, 7 days a week (24x7) elastic time management and Hacker Alert, E-mail can be sent simultaneously to inform the network manager to intensify the safety of the internal network.

Highly-Integration and Expansion

Whether you place BM200 in front of the firewall or before/after NAT, you can instantly connect to the Bandwidth Management to integrate and expand the efficiency of the network system.

Easy Operation and Convenient Management

The BM200 provides multi-language web interface management, making it even easier to manage and control. The Bandwidth Management produces graphs and reports under a variety of different network management demands. The network manager is always kept informed with automatic alerts when abnormalities occur.

SPECIFICATIONS

SOFTWARE SPECIFICATIONS:

Multi-language UI Web management	
Log	- System Log
	- Incoming Log
	- Outgoing Log
	- Intruder Log
Statistics	- Packet statistic (MRTG)
	- Accounting Report
ISP Service	- Support xDSL
	- PPPoE
	- Cable
	- Leased Line Services
Bandwidth Management	- QoS (Quality of Service)
	- Guaranty
	- Max
	- Bandwidth
	- Priority
Firewall Security	- Transparent Mode-Multiple NAT
	- Packet Filter (Policy base access control)
	- URL & General Blocking (Content Filter)
	- Access Control by Group
	- Time-Schedule Management
	- Stateful Packet Inspecition (SPI)
	- Attack (DoS) detected item select
	- Attack (DoS) Alert (Email & Log)

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Protocols Support	- DHCP Client / Server
	- DNS Proxy
	- PPPoE
	- NTP (Network Time Protocol)
Application	- DDNS
	- Virtual Server
	- Special Internet Application
	- Multi-Servers Load Balancing
	- Multi-DMZ host (Mapped IP)
	- Idle renew DHCP
	- Dial-on-Demand, Auto-Disconnect & Reconnect
	- Authentication with PAP & CHAP for PPPoE

HARDWARE SPECIFICATIONS:

CPU	Waveplus MIPS 100MHz
Memory	8MB Flash Memory32MB SDRAM
Interface	4 x 10/100Mbps LAN Ethernet Ports (Auto MDI-X)
	1 x 10/100Mbps WAN Ethernet Ports (Auto MDI-X)
LED	1 x Power / 1 x Status / 1 x WAN /4 x LAN Port LED
Power Supply	External, DC 5V / 2.4A
Physical: Dimension	22(W) x 15(D) x 4(H) cm, Weight: 940g
Regulatory	EMI / CE

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